Index of Claims

| Ap | plica | ation/Cor | ntrol N | 10. |
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10/822,917

Examiner

Thomas J. Mullen, Jr.

Applicant(s)/Patent under Reexamination

STOMSKI, GERALD D.
Art Unit

2632

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Cla                          | im         |               |          |                   |  | Date   | e               |                                     |  |  |       | Clá         | aim      |                     |              |                         | Da                 | ite  |                 |               |           | CI   | aim        |          |               |          | Date   | Э.       | _                 |          |          |
|------------------------------|------------|---------------|----------|-------------------|--|--|-----------------|-------------------------------------|--|--|-------|-------------|----------|---------------------|--------------|-------------------------|--------------------|--|-----------------|---------------|-----------|--|------------|----------|---------------|----------|--|----------|-------------------|----------|----------|
| _                            | व          | 8<br>17<br>05 |          |                   |  |  |                 |                                     |  |  |       | _           | <u> </u> |                     |              |                         |                    |  |                 |               |           | _  | <u> </u>   |          | 1             |          | İ  |          |                   |          |          |
| Final                        | Original   | 17            | l        |                   |  |  |                 | ĺ                                   | ļ  | İ  |       | Final       | Original |                     |              |                         |                    |  | 1 1             |               |           | Final  | Original   |          | ł             |          | ļ  |          |                   | ı        |          |
| i i i                        | Ö          | 25            |          | İ                 |  |  |                 |                                     | l  |  |       | Œ           | ō        | П                   | ı            |                         |                    |  |                 |               |           | ıΞ   | 5          |          | - 1           | İ        |  |          | H                 |          |          |
|                              | (1)        |               |          | _                 |  | _  | _               | <u> </u>                            | <u> </u>   | <u> </u>   |       |             |          | $\sqcup$            | _            |                         |                    | —  | $\sqcup$        |               | 4         | ļ  |            | $\Box$   | _ _           | ╄        | <u> </u>   |          | $\sqcup$          | _        |          |
|                              |            | 0             | L        | _                 | L  |  | L               | ⊢                                   | L  | $\vdash$   |       |             | 51       | -                   |              | _                       | _                  | +  | $\vdash$        |               | 4         |  | 101        | $\sqcup$ |               | ↓_       | ┞  | Щ        | $\dashv$          | _        | _        |
| -                            | ٥          | 1             | ⊢        | _                 | L  | L  | _               |                                     | <del> </del>                                     | <u> </u>   |       |             | 52       | $\vdash$            |              | -                       |                    | -  | $\vdash$        |               | -         | <u> </u>   | 102        |          | +             | ╄        | <u> </u>   | Ш        | $\mapsto$         | _        | _        |
| _                            | 3          | H             | ┢        | ├-                | ⊢  | -  | -               | ├-                                  | ├-   | ⊢  |       |             | 53       | 1                   | _            | +                       | +                  |  | +               | $\dashv$      | -         | <u> </u>   | 103        | $\vdash$ |               | -        |  | _        | $\vdash$          | _        |          |
| $\vdash$                     | 5          | ₩             | ┝        | -                 | -  | -  | -               | ⊢                                   | -  | ┝  |       | <u> </u>    | 54<br>55 | $\vdash$            | -            | +                       | +                  | +-   | $\vdash$        | - -           | -         |  | 104<br>105 | $\dashv$ |               | ┼        | -  | Н        | $\vdash$          | $\dashv$ |          |
|                              | 6          | H             | -        | -                 | H  | H  | H               | ⊢                                   | ⊢  | ⊢  |       |             | 56       | Н                   |              |                         | ╬                  | +  | $\vdash$        |               | -         |  | 105        | -        | +             | ╀        | $\vdash$   | Н        | $\vdash$          | -        | $\dashv$ |
| $\vdash$                     | 7          | H             | ┢        | $\vdash$          | H  | ⊢  | -               | -                                   | ├  | ⊢  |       | <u> </u>    | 57       | $\vdash$            | ᅱ            |                         | +                  | +-   | ╁╌╁             | -             | - ::::    |  | 107        | $\vdash$ | +             | ╁        | -  | $\vdash$ | $\vdash$          | -        | 4        |
|                              | 8          | ₩             | ┢        | $\vdash$          | $\vdash$   | $\vdash$   | -               | ┢                                   | ┢  | ┢  |       | ├           | 58       | Н                   | -            |                         | +                  | +-   | ╁╌╂             |               | - ::::    | <b></b>  | 108        | $\dashv$ | $\dashv$      | ╁        | ├  | Н        | $\vdash$          | $\dashv$ | -        |
| -                            | <u>(9)</u> | ╫             | ┢        | $\vdash$          |  | $\vdash$   | H               | ⊢                                   | ╁  | <del> </del>                                     |       | <u> </u>    | 59       | Н                   | $\dashv$     | -                       | +                  | +  | $\vdash$        | +             | - ::::    |  | 109        |          | +             | ╁        | <del> </del>                                     | Н        | $\vdash$          | $\dashv$ | $\dashv$ |
| -                            | 10         | Н             | H        | $\vdash$          |  | -  | -               | -                                   | ├-   | -  |       | <b></b> -   | 60       | $\vdash$            | ᅱ            | $\dashv$                | +                  | ╁  | $\vdash$        |               | -         | <del> </del>                                     | 110        | -        | +             | +        | ├  | Н        | $\vdash$          | $\dashv$ | $\dashv$ |
|                              | 11         | ₩-            | -        | l.                | -  | $\vdash$   | H               | $\vdash$                            | $\vdash$   | -  |       | <del></del> | 61       | Н                   | -1           | -+                      | +                  | +-   | $\vdash$        | +             | -         |  | 111        | $\vdash$ | -             | +        | <del>                                     </del> | Н        | $\vdash$          | $\dashv$ | $\dashv$ |
|                              | 12         | ╫             | $\vdash$ | ۲                 | $\vdash$   | $\vdash$   | H               | $\vdash$                            | $\vdash$   | $\vdash$   |       | <b>—</b>    | 62       | Н                   | -            | $\dashv$                | +                  | +  | +-+             | +             | -         | <del> </del>                                     | 112        | $\vdash$ | +             | +        | $\vdash$   | Н        | $\vdash$          | $\dashv$ | $\dashv$ |
| $\vdash$                     | 13         | #             | $\vdash$ |                   | $\vdash$   |  | $\vdash$        | $\vdash$                            |  | 1  |       |             | 63       | $\vdash \vdash$     |              | +                       | +                  | +  |                 |               | -         | <del> </del>                                     | 113        | $\vdash$ | $\dashv$      | +        | $\vdash$   | $\vdash$ | $\vdash$          | $\dashv$ | $\dashv$ |
| $\vdash$                     | 14         | ╫             | $\vdash$ | $\vdash$          |  |  | $\vdash$        | $\vdash$                            | <del>                                     </del> | $\vdash$   |       |             | 64       | Н                   | -            | $\dashv$                | +                  | +  | +               | $\dashv$      | ۱         | $\vdash$   | 114        | -        | $\dashv$      | +        | ╁  | $\vdash$ | $\vdash$          | $\dashv$ | $\dashv$ |
| $\vdash$                     | 15         | +             | H        |                   | <del>                                     </del> | <del>                                     </del> | ┪               | $\vdash$                            | $\vdash$   | $\vdash$   |       | $\vdash$    | 65       | $\vdash \vdash$     | $\dashv$     | $\dashv$                | +                  | +  | <del>   </del>  | $\dashv$      | -         | <del>                                     </del> | 115        | -        | +             | +        | $\vdash$   | $\vdash$ | $\vdash$          | -        | -        |
|                              | 16         | 6             | $\vdash$ | 1                 | <del>                                     </del> | $\vdash$   | Т               | $\vdash$                            | <del>                                     </del> | $\vdash$   |       | _           | 66       | Н                   | <del>-</del> | $\dashv$                | +                  | +  | +               |               | -         | $\vdash$   | 116        | $\vdash$ | - -           | ╁╌       | <del>                                     </del> | Н        | -                 | $\dashv$ | $\dashv$ |
|                              | 17         | _             | 1        | $\vdash$          | $\vdash$   | $\vdash$   | Г               | $\vdash$                            |  | $\vdash$   |       | <b>-</b>    | 67       | $\vdash \vdash$     | $\dashv$     | $\dashv$                | +                  | +  | 1 1             |               | ۱         | <del></del>                                      | 117        | $\vdash$ | $\dashv$      | +        | $\vdash$   | $\vdash$ | $\vdash$          | $\dashv$ | $\dashv$ |
|                              | 18         | Н             |          | $\vdash$          | 1  | ┢  | $\vdash$        | $\vdash$                            |  | -  |       |             | 68       | $\vdash$            | _            | -                       | +                  | +  | t               |               | ۱         | <del> </del>                                     | 118        | $\vdash$ | $\dashv$      | +        | ┢  | $\vdash$ |                   | ᆉ        | ᅱ        |
|                              | 19         |               | t        | $\vdash$          |  | $\vdash$   |                 | $\vdash$                            | $\vdash$   | -  |       |             | 69       |                     | $\neg$       | -                       | $\dashv$           | +  |                 |               | -         |  | 119        | $\vdash$ | +             | +-       | $\vdash$   | $\vdash$ | $\vdash$          | ╛        | $\dashv$ |
|                              | 20         | -             | H        | $\vdash$          |  | <del>                                     </del> |                 | $\vdash$                            | ┢  | <del>                                     </del> |       |             | 70       |                     | ᅱ            | _                       | $\dashv$           | ╅  |                 |               | 1         |  | 120        | $\vdash$ | $\dashv$      | +        | ╁╌   |          | $\vdash$          | $\dashv$ | $\dashv$ |
|                              | 21         | $\vdash$      | $\vdash$ | T                 |  | -  | $\vdash$        | Т                                   | $\vdash$   | _  |       |             | 71       |                     | 7            | _                       | $^{+}$             | +  | $\Box$          |               | ١         |  | 121        | $\vdash$ | $\neg$        | ╁        | H  |          | $\Box$            | $\dashv$ | $\dashv$ |
|                              | 22         |               |          | T                 |  |  |                 |                                     | $\vdash$   | $\vdash$   |       |             | 72       |                     | $\exists$    | $\neg$                  | +                  | 1  |                 | _             | ۱         | _  | 122        | $\vdash$ | +             | +        | $\vdash$   |          | $\vdash$          | $\dashv$ | $\neg$   |
|                              | 23         | Т             | _        |                   |  |  |                 |                                     |  | $\vdash$   |       |             | 73       | H                   | $\dashv$     | $\neg$                  | $\top$             | 1  | H               | +             | ┦::::     | _  | 123        | $\vdash$ | $\dashv$      | $\vdash$ | 一  | Н        | $\Box$            | $\dashv$ | $\neg$   |
|                              | 24         |               | 1        |                   |  |  |                 | ┪                                   | 一  | ┪  |       |             | 74       | $\Box$              | $\neg$       | $\dashv$                | $\top$             | $\top$                                     |                 |               | ┨         |  | 124        | H        |               | 十        | 一  | Н        | $\Box$            | $\dashv$ | $\dashv$ |
|                              | 25         |               | T        |                   |  |  |                 |                                     |  | 1  |       |             | 75       |                     | $\neg$       | $\neg$                  | +                  | $\top$                                     | f               |               | ١         |  | 125        | $\vdash$ | $\top$        | t        | <del>                                     </del> | Н        | $\vdash$          | $\dashv$ | $\neg$   |
|                              | 26         | Τ             |          |                   |  |  |                 |                                     | Г  | m  |       |             | 76       |                     | $\neg$       |                         | $\top$             | 1  |                 | -   -         | ٦         |  | 126        | $\Box$   | $\neg \vdash$ | 十        | Г  |          | $\Box$            | $\dashv$ | $\neg$   |
|                              | 27         | Г             |          |                   |  |  |                 |                                     | Т  | $\vdash$   |       |             | 77       | H                   | ヿ            |                         | 十                  | 1  |                 | _             | 7!!!!     |  | 127        |          | 十             | T        |  | М        |                   | $\neg$   | $\neg$   |
|                              | 28         | Г             |          |                   |  |  |                 |                                     |  |  |       |             | 78       |                     |              |                         | T                  | 1  | $\Box$          |               | 7!!!!     |  | 128        |          | 一             | T        | $\vdash$   |          | $\sqcap$          | ᅥ        | $\neg$   |
|                              | 29         |               |          |                   |  |  |                 |                                     | Г  |  |       |             | 79       | П                   | ヿ            |                         | $\top$             |  | $\Box$          | 十             | 7         |  | 129        |          | $\dashv$      | T        |  |          | $\Box$            | 寸        | $\neg$   |
|                              | 30         | Г             |          |                   |  |  | П               | Г                                   | Г  |  |       |             | 80       | П                   | ヿ            | $\neg$                  | 十                  |  |                 |               | 7         |  | 130        |          | 一             | $\top$   | ┢  | М        | $\sqcap$          | コ        | $\neg$   |
|                              | 31         |               |          |                   |  |  |                 | Г                                   |  |  |       |             | 81       |                     | $\neg$       | $\top$                  | 1                  | 1  |                 |               | 7         |  | 131        |          | $\neg$        | T        | Г  | П        | $\Box$            | ヿ        | $\neg$   |
|                              | 32         |               |          |                   |  |  |                 | Γ                                   |  |  |       |             | 82       |                     | $\neg$       |                         | T                  | 1.   | $\Box$          | $\neg \vdash$ | 7         |  | 132        |          |               | T        |  |          | $\sqcap$          | ヿ        | $\neg$   |
|                              | 33         |               |          |                   |  |  |                 |                                     |  |  |       |             | 83       |                     |              | $\neg$                  | Т                  | $\Box$                                     |                 |               | 7         |  | 133        |          | $\neg \neg$   | Т        |  |          | $\sqcap$          |          |          |
| $\Box$                       | 34         |               |          |                   |  |  |                 |                                     |  |  |       |             | 84       |                     |              |                         |                    | $oxed{\Box}$                               |                 | $\Box \Box$   | ]         |  | ·134       |          |               |          |  |          |                   | $\neg$   |          |
| Ш                            | 35         |               |          | Ш                 |  |  |                 | 匚                                   | $\Box$   |  |       |             | 85       |                     |              |                         | $oldsymbol{\perp}$ |  |                 |               |           |  | 135        |          |               |          |  |          |                   |          |          |
|                              | 36         | L             |          | Ш                 |  |  |                 |                                     |  | L  |       |             | 86       |                     |              | $oldsymbol{\mathbb{I}}$ |                    |  |                 |               |           |  | 136        |          |               | Γ        |  |          |                   | $\Box$   |          |
|                              | 37         | <u>_</u>      | L        |                   | Ш  | لــــا   |                 |                                     | L  |  |       |             | 87       |                     |              |                         | I                  |  |                 | $\Box$        |           |  | 137        |          |               |          |  |          | $\Box$            |          |          |
|                              | 38         | L             | _        | Ш                 |  | $\Box$   | Ш               | $oxed{oxed}$                        | Ľ  |  |       |             | 88       | Ш                   |              |                         |                    | $oxedsymbol{oxedsymbol{oxedsymbol{oxed}}}$ |                 |               | _         |  | 138        |          |               | [ ·      |  |          |                   |          |          |
|                              | 39         | L_            | L        | $\sqcup$          |  |  | Ш               | <u> </u>                            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$     | <u> </u>   |       |             | 89       | $\Box$              |              |                         |                    |  | $\Box$          |               | الله الله |  | 139        |          |               |          | L  |          |                   |          |          |
| $\sqcup$                     | 40         | <u> </u>      | _        | Ш                 | Ш  | Ш  | Ш               | _                                   | $oxed{oxed}$                                     |  |       |             | 90       | Ш                   | $\Box$       | $\bot$                  | $\perp$            |  | $\Box$          |               | ];;;;;    |  | 140        |          |               |          |  |          |                   |          |          |
| $\vdash$                     | 41         | _             | <u> </u> | Ш                 | Ш  | Щ  | $\sqcup$        | L_                                  | Ш  | L  |       |             | 91       | Ш                   |              | $\perp$                 |                    | <u> </u>                                   | $\sqcup$        |               |           |  | 141        |          |               |          |  |          | $\Box$            | $\Box$   |          |
| $ldsymbol{ldsymbol{\sqcup}}$ | 42         | <u> </u>      | <u> </u> | Ш                 |  |  | Ш               | $oxed{oxed}$                        |  | L.   |       |             | 92       | Ш                   | $\perp$      | $\perp$                 | $\perp$            | _  | $\sqcup$        | $\perp$       | _         |  | 142        |          |               |          |  |          |                   |          |          |
|                              | 43         | <u> </u>      | _        | Ш                 | $\sqcup$   | Ш  | Ш               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _  | L_   |       |             | 93       | $\sqcup$            |              |                         | $\perp$            | 1  | $\sqcup$        | _ _           | _         |  | 143        |          |               |          |  |          | $oldsymbol{\bot}$ | $\Box$   |          |
| $\vdash$                     | 44         | <u> </u>      | -        | $\vdash$          | $\square$  | _  | dash            | <u> </u>                            | $\vdash$   | Ш  |       |             | 94       | Ш                   |              | _                       |                    | _  | ⊢┼              |               | 4         |  | 144        |          |               | 丄        | Щ  |          | ightharpoonup     |          |          |
| $\vdash$                     | 45         | <u> </u>      | $\vdash$ | Н                 | Ш  | $\vdash$   | dash            | <u> </u>                            | <b> </b>   | _  |       |             | 95       | $\sqcup$            | _ļ           | _                       | $\bot$             | _  | $\sqcup$        |               | 4         |  | 145        | _        | _ _           | <u> </u> |  | Ш        | $\dashv$          | $\dashv$ |          |
| <b>  </b>                    | 46         | <u> </u>      | $\vdash$ | $\vdash \vdash$   | Н  | $\vdash \vdash$                                  | $\sqcup$        | $\vdash$                            | <b> </b>   | _  |       |             | 96       | $\sqcup$            | _            | _                       | $\perp$            | _  | $\sqcup$        |               | 4         |  | 146        | $\dashv$ | $\bot$        | <u> </u> | Ш  | Ш        | $\dashv$          | $\dashv$ |          |
| $\vdash$                     | 47         | <u> </u>      | L        | $\vdash$          | $\vdash$   | $\sqcup$   | Н               | <u> </u>                            | <u> </u>   | _  |       |             | 97       | $\sqcup$            | _            | $\perp$                 | +                  | +  |                 | $\bot$        | 4         |  | 147        | _        | _ _           | $\vdash$ | Ш  |          | 4                 | _        |          |
| $\vdash \vdash \vdash$       | 48         | <u> </u>      | <u> </u> | $\vdash$ $\dashv$ | $\vdash \vdash$                                  | $\vdash \vdash$                                  | $\vdash$        | $\vdash$                            | <u> </u>   | $\vdash$   |       |             | 98       | $\vdash \downarrow$ | _            | +                       | - -                | +  | $\vdash \vdash$ | -             | -         |  | 148        | $\dashv$ | +             | 1_       | Ш  | $\sqcup$ | $\dashv$          |          | _        |
| <b>  </b>                    | 49         | <u> </u>      | _        | $\vdash$          | $\vdash$   | $\vdash$   | $\vdash \vdash$ | -                                   | -  | _  |       |             | 99       | $\vdash \vdash$     | _            | _                       | 4                  | -  | $\vdash \vdash$ | +             | 4         |  | 149        | _        | 4             | 1        | Ш  | $\sqcup$ | _                 |          | _        |
| Щ                            | 50         |               |          | L                 | Ш  | $\Box$   | L               | L                                   |  |  | ::::: |             | 100      | Щ                   | ╧            |                         |                    |  | ட               |               | ا:::::الـ |  | 150        | L        | _1_           | 1        |  |          | ᆚ                 |          | ]        |